AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions and listings of claims in the

application.

Listing of Claims:

1. (Currently amended): A system for assisting the maintenance of a particle filter integrated into an exhaust line of a motor vehicle diesel engine, the system comprising:
   · means for calculating ~~the~~a first volume of ash from ~~the~~ an engine lubricating oil,
   · means for calculating ~~the~~a second volume of ash from ~~the~~ an engine fuel,
   · means for calculating ~~the~~a usable volume of the particle filter from a total volume of said filter when new and the previously calculated first and second volumes of ash, and
   · means for calculating a degree of clogging of the particle filter from the total volume of the filter when new and the previously calculated usable volume to trigger a maintenance request if the degree of clogging exceeds a predetermined threshold.

2. (Currently amended): A maintenance assistance system according to claim 1, further comprising means for calculating ~~the~~ a volume of residues from combustion of an additive for reducing ~~the~~a combustion temperature of particles trapped in the particle filter and mixed with the fuel supplied to the engine, said means being connected to means for calculating the usable volume.

3. (Currently amended): A maintenance assistance system according to claim 1, further comprising means for calculating ~~the~~ a distance at which a particle filter maintenance operation should be timetabled from ~~the~~a distance traveled by the vehicle since the particle filter was new or cleaned and the previously calculated

degree of clogging of the filter.

4. (Currently amended): A maintenance assistance system according to claim 3, further comprising means for calculating ~~the~~ a distance remaining to be traveled before particle filter maintenance from the previously calculated maintenance distance and the distance already traveled by the vehicle.